



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JOHN L. WHITE )  
Serial No.: 10/667,176 ) Art Unit: 3654  
Filed: 09/17/2003 ) Attorneys Ref: P214414  
Title: PRELOADED DROP HAMMER FOR DRIVING PILES )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, the Applicant respectfully submits this Information Disclosure Statement to call to the attention of the Examiner the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration in the prosecution of the above-referenced application for U.S. patent. Copies of these references are enclosed herewith.

**REMARKS**

U.S. Pat. No. 6,102,133 to Scheid et al. discloses a diesel hammer having a pressure accumulator that allows the diesel hammer to operate in a pressure air mode as well as a diesel mode.

U.S. Pat. No. 4,109,475 to Schnell discloses a system for varying the amount of fuel supplied to a diesel hammer based on the result of a plurality of proceeding strokes.

U.S. Pat. No. 3,967,688 to Inenaga et al. discloses a fuel injector for a diesel pile hammer comprising a nozzle having a bar that may be rotated and fixed in various angular positions. By varying the angular position of the bar, changes the turning velocity of a jet issuing from a passage defined by the bar to improve complete combustion of fuel.

U.S. Pat. No. 3,822,969 to Kümmel discloses a fuel injection pump for a diesel hammer. The pump includes a compression chamber of pump piston. A lever is actuated by the ram as it falls to force fuel into the appropriate chamber.

Submitted herewith are portions of an undated operator manual describing the basic operation of the Shanghai Jintai SEMW diesel hammer. This reference employs a control rope and control pulley to change the amount of fuel delivered to the combustion chamber as generally described in the BACKGROUND section of this application.

### CONCLUSION

The Applicant respectfully submits that these references, taken alone or in combination, neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to the pending application is respectfully requested. If there is any matter which could be expedited by consultation with the Applicant's attorney, such would be welcome. The Applicant's attorney can normally be reached at the telephone number below.

Signed at Bellingham, County of Whatcom, State of Washington this 30<sup>th</sup> day of January, 2004.

Respectfully submitted,

JOHN L. WHITE

By Michael R. Schacht  
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CERTIFICATE OF MAILING  
37 C.F.R. §1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Signature: \_\_\_\_\_

Print Name: Robin Fry

Date: January 30, 2004



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	10/667,176	
			Filing Date	09/17/2003	
			First Named Inventor	John L. White	
			Art Unit	3654	
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	P214414

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code :			
	A1	6,102,133	08/15/2000	Scheid et al.	
	A2	4,109,475	08/29/1978	Schnell	
	A3	3,967,688	07/06/1976	Inenaga et al.	
	A4	3,822,969	07/09/1974	Kummel	
	A5				
	A6				
	A7				
	A8				
	A9				
	A10				
	A11				
	A12				
	A13				
	A14				
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	A16				

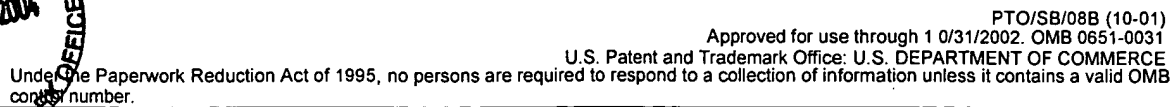
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		CountryCode3 -Number4- Kind Code5(if known)					
	F1						
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	F10						
	F11						

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible 6 Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	1	of	1
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<b>Application Number</b>	10/667,176
<b>Filing Date</b>	09/17/2003
<b>First Named Inventor</b>	JOHN L. WHITE
<b>Group Art Unit</b>	3654
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	P214414

[illegible]

**Date**  
**Considered**

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